

HOW **EPP** IS DIFFERENT THAN **EPS**

Expanded Polypropylene (EPP)

- Resilient cells: when compressed they regain initial shape (beads do not collapse like EPS when you compress, they come back – good shape recovery)
 - Linked to PP polymer nature: PP does not break when compressing (PS breaks under bending – it's a brittle material).
 - Closed cells – enclosed air provides pneumatic spring effect just like when compressing a piston.
- Foam provides excellent multiple impact energy absorption as a moulded part
- More tensile strength and elongation
- More flexible - less brittle
- More resilient (returns to original shape)
- Higher heat resistance – up to 110-120°C
- No smell
- No styrene, benzene or other aromatic hydrocarbons
- No phenols, butane, pentane, styrene and acetophenone
- Exclusively expanded with recovered CO₂ or air (no influence on global CO₂ balance)
- No residual blowing agent
- No residual monomers
- Neutral VOC / Fog emissions
- No toxic substances generated when burned and low smoke
- 100% recyclable

ARPRO®
Expanded Polypropylene (EPP)

